

GENERAL NOTES

1. All lumber shall be southern pine, grade #2 or better and shall be pressure treated ACQ or CA-B in accordance with American Wood-Preservers' Association standards. All lumber in contact with the ground shall be rated as "ground-contact."
2. All nails shall be spiral or annular grooved.
3. Chemicals used in pressure treatment methods will prematurely corrode standard fasteners, hardware, and flashing when in contact with lumber. To combat corrosion, the following is required.
 - All screws and nails shall be hot-dipped galvanized or stainless steel.
 - All hardware (joist hangers, cast-in-place post anchors, etc.) shall be galvanized with 1.85 oz/sf of zinc (G-185 coating) or shall be stainless steel. Look for products such as "Zmax" from Simpson Strong-Tie or "Triple Zinc" from USP.
4. Decks constructed according to this handout are not approved for future hot tub installations.
5. Deviations from this handout and conditions which do not meet the details shown herein require a plan submission.
6. Inspections:
 - A footing, framing, and final inspection is required on all decks.
 - Footing inspections are required PRIOR to the placement of concrete.
 - Framing and final inspections may be combined if all portions of the deck framing and mechanical attachments are at least 42" above grade.
 - Inspections are required by law. Failure to receive any and all inspections can result in the issuance of violations which may lead to legal proceedings.
7. It is the responsibility of the permit holder or the permit holder's representative to notify the county when the stages of construction are reached that require an inspection. Inspection requests may be made using one of the three methods listed below; please have your permit number available when scheduling an inspection. Requests made up to 11:59 p.m. on automated systems will be scheduled for the next workday.
 - Inspection Request Center: **703-222-0455, TTY 711**, 8 a.m. to 4:30 p.m., Monday – Thursday, and 9:15 a.m. to 4:30 p.m. on Fridays.
 - Fairfax Inspections Database Online (FIDO): www.fairfaxcounty.gov/fido or call **703-222-2474**.
8. Decks shall not be used or occupied until a final inspection approval is obtained.

DECKING REQUIREMENTS

All decking material shall be composed of 2x6 or 5/4 ("five-quarter") board. Attach decking to each joist with 2-8d nails or 2-#8 screws. See FIGURE 10 for decking connection requirements at the rim joist. Decking may be placed from an angle perpendicular to the joists to an angle of 45 degrees to the joists. Each piece of decking must bear on a minimum of 4 joists.

Decking composed of foreign lumber, plastic or manufactured materials may be substituted only when the product has an approved evaluation report from an accredited testing laboratory which has listed the product. For a list of approved products, go to the website below.

www.fairfaxcounty.gov/dpwes/construction/str_plastics.htm

The evaluation report must be on the jobsite and available to the inspector during the inspection process. Installation and span lengths of the substituted material must be in strict conformance with the evaluation report and the manufacturer's instructions. All decking products must be capable of supporting a live load of 40 pounds per square feet.



Fairfax County
VIRGINIA

Typical Deck Details

Based on the 2003 Virginia Uniform
Statewide Building Code

www.fairfaxcounty.gov/decks